THE BEST OF BOTH WORLDS

040

PowerPC

DAYSTAR

68040 UPGRADES

for the SE/30, II, IIx, IIcx, IIsi, IIci, IIvi, IIvx, Performa 600, Centris 610, 650, 660AV, Quadra 610, 650, 660AV, 700, 800, 900 and 950

Turbo 040

Quad 040

"The Turbo 040 is the best accelerator for the Mac SE/30 and Mac II family."

MacUser, March 1994

"The Quad 040 will give the Quadra 840AV a run for its money… it represents an economical alternative to the Quadra 840AV."

MacWEEK, August 2, 1993

▶ Turbocharges everything you do, all day long—work up to 30% faster than the Quadra 840AV!

▶ Runs today's software up to 4 times faster than PowerPC!

▶ Award winning 100% compatibility at full speed

▶ Plug and play PDS design lets you upgrade to faster speeds in just minutes!

▶ Some models are even upgradable to DayStar's revolutionary PowerPC upgrades

Not ready for PowerPC? DayStar's family of 68040 processor upgrades deliver the fastest Macintosh performance available today, running your current software. You get '040 performance beyond the Macintosh Quadra 840AV for a fraction of the cost of buying a new Mac. These upgrades turbocharge your Mac transparently, so all you notice is incredible speed—up to four times faster than a Power Macintosh!

Combining the powerful 68040 processor with a 128K Static RAM cache, DayStar 68040 upgrades bring amazing new speed to everything you do. They install in seconds, use the memory you already own and provide performance that exceeds Apple's fastest.

Unlike Power Macintosh machines, DayStar's 68040 upgrades accelerate all your current software and do not require the purchase of new versions of your applications. And when all your software is PowerPC ready, you have the option of upgrading to DayStar's PowerPC products. DayStar always protects your investment.

DayStar's 68040 family is not only fast, its award winning design provides 100% compatibility. It runs with all your hardware, including video acceleration, networking cards, busmasters, and all software, including sound, QuickTime and virtual memory. Not even Apple itself can match this level of compatibility!
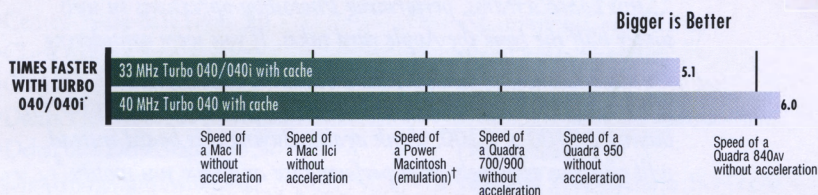
DayStar's plug and play design means you will be up and running at accelerated speeds in just a few minutes. With DayStar, you get a detailed, photo illustrated manual, unlimited technical support with knowledgeable personnel, a 30 day money back guarantee through participating resellers and a 3 year warranty.

TURBO 040®

The award winning Turbo 040 family of processor upgrades provides the fastest 68040 speeds today, faster than all other '040 upgrade cards. It comes with or without a math chip in three models, all of which provide Quadra or better performance at a fraction of the cost of a new machine. And the built-in 128K cache boosts Turbo 040 performance up to an additional 75%!
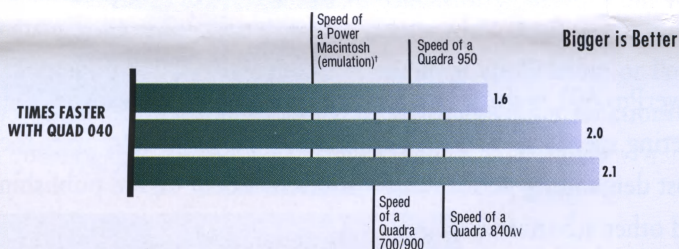
FaxBack Info DOCUMENT Nº 4001 800-438-0370

Bigger is Better

TIMES FASTER WITH TURBO 040/040i*		
33 MHz Turbo 040/040i with cache	5.1	
40 MHz Turbo 040 with cache	6.0	

Speed of a Mac II without acceleration · Speed of a Mac IIci without acceleration · Speed of a Power Macintosh (emulation)† · Speed of a Quadra 700/900 without acceleration · Speed of a Quadra 950 without acceleration · Speed of a Quadra 840AV without acceleration

* Average relative performance of common Macintosh applications
† Many applications are not currently available in native versions.

SPECIFICATIONS

Turbo 040 System Requirements

– Apple® Macintosh® SE/30, II, IIx, IIcx, IIsi, IIci, IIvi, IIvx or Performa 600 (adapter required for the SE/30, II, IIx, IIcx and IIsi)
  Note: Price includes socket installation for the IIcx motherboard by DayStar
– Supports Apple System 6, System 7 and virtual memory

Turbo 040		Part No.
33 MHz Turbo 040i	$649	000780
33 MHz Turbo 040	$849	000773
40 MHz Turbo 040	$999	000797

QUAD 040™

DayStar's Quad 040 delivers speed beyond the Macintosh 840AV for a fraction of the cost of buying a new Mac. It combines the powerful 40 MHz 68040 processor with a 128K Static RAM cache to bring amazing new speed to everything you do. Add DayStar's optional SlotSaver Adapter to avoid blocking a NuBus or processor direct slot.

FaxBack Info DOCUMENT Nº 4002 800-438-0370

Bigger is Better

Speed of a Power Macintosh (emulation)† · Speed of a Quadra 950

TIMES FASTER WITH QUAD 040		
	1.6	
	2.0	
	2.1	

Speed of a Quadra 700/900 · Speed of a Quadra 840AV

† Many applications are not currently available in native versions.

Quad 040 and Image 040 System Requirements

– Apple® Macintosh® Centris 610, 650, 660AV, Quadra 610, 650, 660AV, 700, 800, 900 or 950
– Connects to the motherboard PDS connector or the optional SlotSaver Adapter which leaves the PDS and inline NuBus slots free (Adapter required for the 610/660AV)

Quad 040 and Image 040		Part No.
Quad 040	$999	000056
Image 040	$1,599	000414

ColorMatch™ and Colorimeter 24™

easy to use solutions that deliver better color from your Macintosh computer

▶ A professional level color separation engine based on Kodak's CMS

▶ Expertly makes all your colors match— from scanner, to display, to final print

▶ Easy to use interface works within QuarkXPress and Adobe Photoshop

▶ Optional Colorimeter 24 delivers consistent color from display to display

FaxBack Info DOCUMENT Nº 2013 800-438-0370

COLORMATCH™
NOW COLOR MANAGEMENT IS FAST AND EASY!
DAYSTAR

DayStar's ColorMatch software makes getting accurate color – from scanner, to display to final print – easy and affordable. Based on a proven color engine, the Kodak Precision Color Management System (KCMS), ColorMatch produces expert color on your Macintosh. Designed specifically for QuarkXPress and Adobe Photoshop, it provides "plug and play" control, whether you work with color entirely in-house, or at a prepress service bureau. Add DayStar's Colorimeter 24 to get a professional level of consistent color on any color display.

Color Management Solutions		Part No.
ColorMatch	$219	000537
Colorimeter 24	$599	000551

Call DayStar's FaxBack System
1-800-438-0370

POWERPRO™ 601

MAC HOME JOURNAL

1994 World Class Winner Macworld
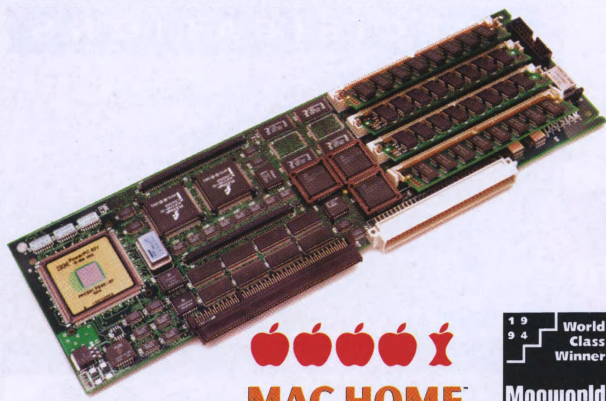
for Quadra 650, 700, 800, 900, 950 and Centris 650

"...this board screams, performing Photoshop operations in well under half the time the Apple card takes. If you were considering buying a Power Mac 6100, for a few hundred dollars more you can get this board and receive near 8100 speed. If you were considering buying a 7100 or 8100, think again. Buying this board instead will give you extremely good performance and save you money."

Mac Home Journal, September 1994

▶ Transforms your Mac into a top of the line PowerPC workstation

▶ Power Mac 8100 performance for thousands less!

▶ Simple plug and play operation

▶ 80 or 66 MHz speeds

▶ Works with your current memory

▶ Add up to 128 MB of optional memory

▶ 64-bit data path further increases performance

PowerPro 601 is the 'no compromise' choice for PowerPC performance. It not only significantly outperforms Apple's Power Macintosh Upgrade Card, the PowerPro 601 delivers speeds comparable to Apple's fastest—the Power Macintosh 8100/80. Bundled with powerful imaging software utilities and extended memory capability—it even includes a complete set of Apple System software! The PowerPro 601 is far less expensive than purchasing a new Power Macintosh system, and like all DayStar products, it comes with a three year warranty and a 30 day money back guarantee.
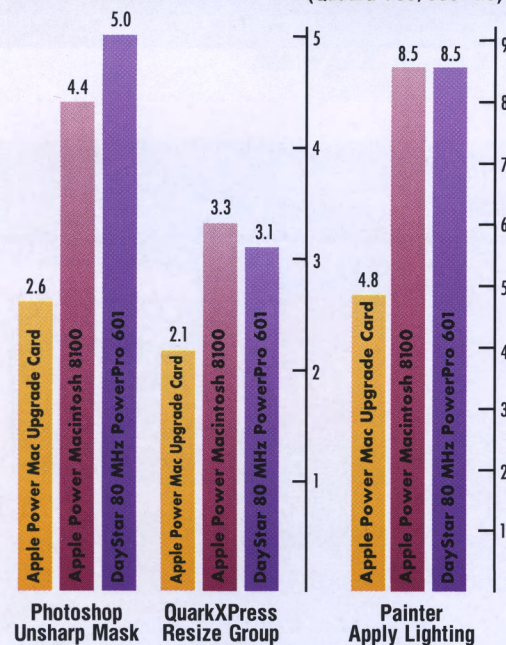
PowerPro 601 is the fastest PowerPC 601 upgrade available today, offering speeds up to 80 MHz. DayStar designed it to meet the most demanding performance requirements of digital publishing and other advanced professionals.

The PowerPro 601 offers you the best of both worlds with genuine Apple PowerPC ROMs and the ability to switch to the motherboard 68040 for an extra level of compatibility not found with Apple's Power Macintosh computers.

This plug-and-play PDS card protects your investment in your current machine. The PowerPro 601 works with your existing memory and provides the option for adding up to 128 megabytes of fast, 64-bit memory.

Times Faster with PowerPro 601
(Quadra 700/900=1.0)

Photoshop Unsharp Mask
- Apple Power Mac Upgrade Card: 2.6
- Apple Power Macintosh 8100: 4.4
- DayStar 80 MHz PowerPro 601: 5.0

QuarkXPress Resize Group
- Apple Power Mac Upgrade Card: 2.1
- Apple Power Macintosh 8100: 3.3
- DayStar 80 MHz PowerPro 601: 3.1

Painter Apply Lighting
- Apple Power Mac Upgrade Card: 4.8
- Apple Power Macintosh 8100: 8.5
- DayStar 80 MHz PowerPro 601: 8.5

PowerPro 601 with FastCache PowerPro and 16 MB of RAM

Macintosh System	Motherboard Memory	PowerPro Memory	Total Memory
Centris & Quadra 650	136 MB	128 MB	264 MB
Quadra 700	68 MB	128 MB	196 MB
Quadra 800	136 MB	128 MB	264 MB
Quadra 900	256 MB	128 MB	384 MB
Quadra 950	256 MB	128 MB	384 MB

- Adobe Systems Illustrator
- Adobe Systems Photoshop
- Aldus FreeHand
- Aldus PageMaker
- Alias Research Sketch!
- Ashlar Vellum
- Autodessys, Inc. Form•Z
- Blyth Software OMNIS 7.3
- Central Point MacTools 3.0
- Claris Corp. Claris Impact
- Claris Corp. ClarisWorks
- Dantz Development Retrospect
- DeltaPoint DeltaGraph Pro 3
- Diehl Graphsoft MiniCAD
- FIT Software Full Contact
- Fractal Design Dabbler 1.0
- Fractal Design Painter 2.0

- Frame FrameMaker
- Graphisoft, Ltd. ArchiCAD
- Gryphon Software Morph!
- Hash Inc. Animation Master
- HSC Kai's Power Tools
- Insignia SoftWindows 286
- LEC LogoVista E to J
- Macromedia MacroModel
- Metrowerks CodeWarrior
- Ray Dream Designer
- Specular Infini-D
- UserLand Software Frontier 3.0.2
- VideoFusion
- Virginia Systems Sonar Bookends
- Virtus VR
- Wolfram Research Mathematica
- WordPerfect

FaxBack Info
DOCUMENT N°
4006
800-438-0370

PowerPro 601 System Requirements

-Apple® Macintosh® Centris 650, Quadra 650, 700, 800, 900 or 950

-Options:
  -1 MB Static RAM Cache, FastCache PowerPro
  -Up to 128 MB of RAM using 80ns, 72-pin SIMMs

Free Software

-Apple System Software 7.1.2

-Adobe Photoshop PPC plug-in

-Accelerated KCMS extension

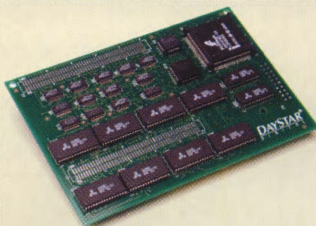-Your choice of DayStar's ColorMatch, PhotoMatic or PowerStart software

PowerPro 601		Part No.
66 MHz $1,599		000728
80 MHz $2,149		000735
FastCache PowerPro ....$ 549		000742
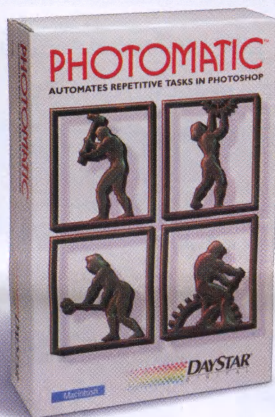
The PowerPro 601 ships with a complement of DayStar's high end imaging utilities, such as an Adobe Charged™ extension for Photoshop coded specifically for PowerPC. You can also choose to receive PhotoMatic™, which adds "Record & Play" capability within Photoshop; ColorMatch™, a color management application; or PowerPreview, which adds a preview interface to Photoshop's filter functions.

FASTCACHE POWERPRO — INCREASE THE SPEED OF THE POWERPRO 601 FROM 20% TO 70%!

The PowerPC CPU was designed to support 64-bit memory speeds. Because the memory on the Macintosh motherboard is only 32 bits, the PowerPro can spend a considerable amount of time waiting for that slow memory. For this reason, DayStar suggests that you add some memory to the PowerPro, or install the optional FastCache PowerPro to achieve optimal performance.
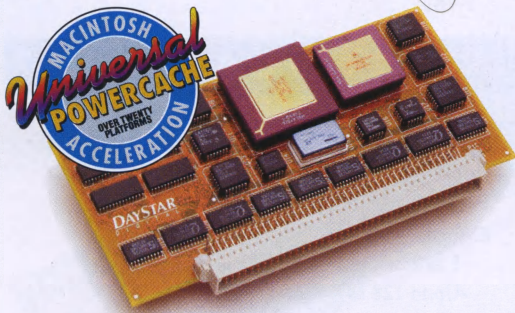
The FastCache PowerPro provides information to the PowerPro's CPU much faster than the motherboard memory, thus eliminating the penalty of accessing the slow, 32-bit motherboard memory.

Adding both a FastCache PowerPro and memory to the PowerPro 601 can provide even greater performance—run up to 25% faster than using either one alone!

▶ Optional 1 MB Static RAM Cache

▶ Increases PowerPro 601 performance up to 70%

▶ Simple plug and play operation

Call DayStar's FaxBack System
1-800-438-0370

UNIVERSAL POWERCACHE™

68030 PROCESSOR UPGRADE FOR MACINTOSH

for Classic, Color Classic, SE, SE/30, LC, LC II, LC III, LC 520, II, IIx, IIcx, IIsi, IIci, IIvi, IIvx, Performa 400, 405, 410, 430, 450 and 600

"The Universal PowerCache boards have the edge in compatibility. Throw in excellent documentation and reasonable prices and you have the best values in accelerators."

Macworld, June 1993

▶ Delivers a 300% performance increase in an LC and Mac II, and up to a 1200% gain in a Classic or SE

▶ Available in 33 and 50 MHz speeds

▶ Upgradable to even faster DayStar products

▶ Completely universal and transportable—supports over 20 Macs

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PHOTOMATIC™

PLAY AND RECORD SOFTWARE FOR PHOTOSHOP

Batch Processing too!

▶ The ultimate Adobe Photoshop utility that increases your productivity

▶ Easy to use—records what you do

▶ Repeats what you do on an unlimited number of Photoshop images

▶ Works whether you use Photoshop for graphic design or image production

"Conclusion: PhotoMatic is an incredible timesaver for anyone who needs to batch-process Phtoshop images. One good-size job will easily pay for the utility because it executes your tedious image-editing tasks. It's also the best example yet of the promise of automated computing through AppleScript and interapplication communications."

Product Review, MacWEEK, May 9, 1994
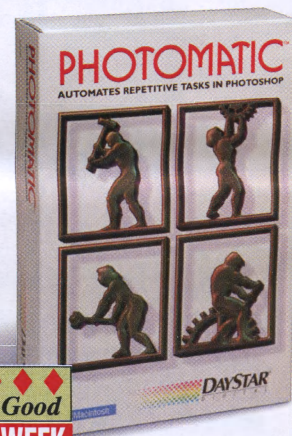
FASTCACHE QUADRA™

128K STATIC RAM CACHE FOR QUADRAS & CENTRIS 610

for Quadra 610, 650, 700, 800, 900, 950 and Centris 610

▶ Boosts processing power 20-40%

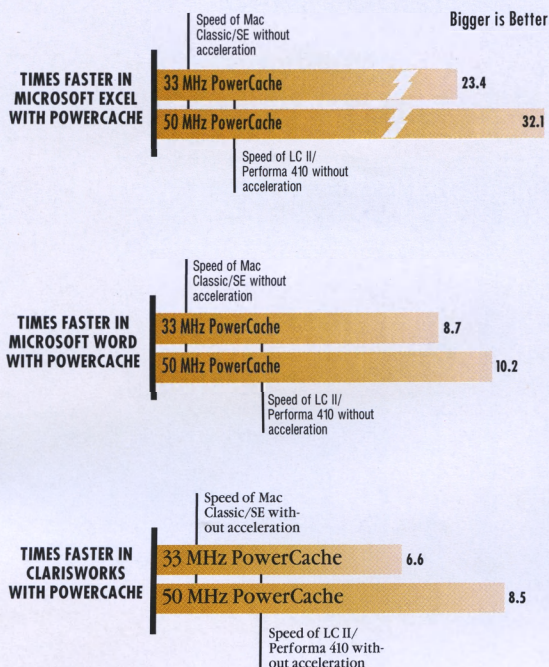▶ Plug and play PDS design lets you upgrade to faster speeds in just minutes!

▶ 100% compatible with all software and hardware

▶ Upgradable to Quad 040, Image 040 and DayStar's new PowerPro 601

"If you already own a Quadra, you're cheating yourself if you don't buy a DayStar FastCache Quadra."

MacUser, November 1992

6

TIMES FASTER IN MICROSOFT EXCEL WITH POWERCACHE

Speed of Mac Classic/SE without acceleration

Bigger is Better

33 MHz PowerCache — 23.4
50 MHz PowerCache — 32.1

Speed of LC II/Performa 410 without acceleration

TIMES FASTER IN MICROSOFT WORD WITH POWERCACHE

Speed of Mac Classic/SE without acceleration

33 MHz PowerCache — 8.7
50 MHz PowerCache — 10.2

Speed of LC II/Performa 410 without acceleration

TIMES FASTER IN CLARISWORKS WITH POWERCACHE

Speed of Mac Classic/SE without acceleration

33 MHz PowerCache — 6.6
50 MHz PowerCache — 8.5

Speed of LC II/Performa 410 without acceleration

The PowerCache is easy to install and guaranteed to be 100% compatible. It combines a lightning quick processor with a superfast RAM cache to accelerate a Mac LC up to 300% and a Mac Classic an amazing 1200%!

From graphics to word processing, the award winning PowerCache provides incredible new performance at the lowest possible price.

FaxBack Info — DOCUMENT Nº 3001 — 800-438-0370

DayStar's PhotoMatic is an award winning software utility designed for everyone who uses Adobe Photoshop. It's very easy to use. PhotoMatic will record virtually everything you do in Photoshop. Then it lets you play it back on any number of files.
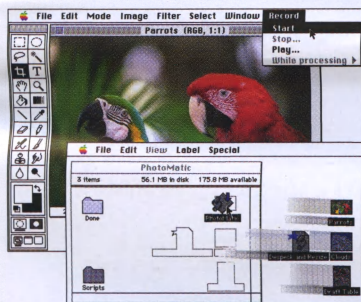
You begin by selecting "Start" from the Record menu. PhotoMatic then watches and records everything you do. Playing your recording is just as easy.

PhotoMatic saves you time, money and effort by playing your recording on any images. There's no longer any need to go through repetitive steps—file after file. Let PhotoMatic do it for you—it even works while you sleep!

FaxBack Info — DOCUMENT Nº 2015 — 800-438-0370

DayStar's FastCache Quadra is the lowest cost way to put the "zip" back into your almost any Quadra or the Centris 610. It's easy to install and boosts performance 10% to 40%. Plus, it comes with DayStar's 100% compatibility guarantee. There's not a more cost effective way to make your Quadra go faster!

The low cost version is specifically for the Quadra 700 and 900; the universal model fits the Quadra 610, 700, 800, 900, 950 and Centris 610.

TIMES FASTER WITH FASTCACHE QUADRA

Bigger is Better

QuarkXPress (Jump to Page) — 1.40
FreeHand (Fit in Window) — 1.36
Excel (Fill Right) — 1.25

FaxBack Info — DOCUMENT Nº 3003 — 800-438-0370

PRODUCT	Classic SE Color Classic	SE/30	LC	LC II Performa 400, 405, 410, 430	LC III Performa 450	LC 520	II, IIx IIcx	IIsi	IIci	IIfx	Performa 600, IIvx, IIvi	Centris Quadra 610	Centris 650	Quadra 650, 700, 800, 900, 950	Centris Quadra 660AV	Quadra 840AV
PowerPro 601																
66 MHz													▼	▼		
80 MHz													▼	▼		
FastCache PowerPro																
Turbo 040																
33 MHz*		▼					▼	▼	▼		▼					
40 MHz		▼									▼					
Quad 040													▼	▼	▼	
Image 040													▼	▼	▼	
Universal PowerCache (version without math chip available)																
33 MHz	▼	▼	▼	▼	▼		▼	▼	▼		▼					
50 MHz	▼	▼	▼	▼	▼		▼	▼	▼		▼					
FastCache Quadra												▼	▼	▼	▼	▼
PhotoMatic	▼						▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
ColorMatch				▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼
Colorimeter 24				▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼	▼

* (040i version without math chip also available)

Dealer Info

DAYSTAR DIGITAL

94-00771